### JUTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

Total Pages in this Submission

Docket No.

TPP 31402A

(Only for new nonprovisional applications under 37 CFR 1.53(b))

#### TO THE ASSISTANT COMMISSIONER FOR PATENTS

B x Patent Applicati n

	ij							Washington, D.C. 20231		
					filing unde	r 35 U	.S.0	C. 111(a) and 37 C.F.R. 1.53	B(b) is a new utility patent ap	plication for an
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Er	nclos	ed a	are:							
								Application Elements		
	1.	X	Filin	g fee as	calculated	and tr	ans	smitted as described below		
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		a.	X	Descrip	otive Title o	f the Ir	ıveı	ntion		
		b.	X	Cross F	References	to Re	late	ed Applications (if applicable)	)	
		c.		Statem	ent Regard	ling Fe	der	rally-sponsored Research/De	evelopment (if applicable)	
		d.		Refere	nce to Seq	uence	List	ting, a Table, or a Computer	Program Listing Appendix	
i		e.	X	Backgr	ound of the	Inven	tior	n		
		f.	X	Brief Si	ummary of	the Inv	ven	tion		
		g.	X	Brief D	escription (	of the [	Ora	wings (if filed)		
		h.	X	Detaile	d Descripti	on				
		i.	X	Claim(s	s) as Class	ified B	elov	N		
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#### 3. Drawing(s) (when necessary as prescribed by 35 USC 113) Number of Sheets 1 a. 🔀 Formal b. 🗆 Informal Number of Sheets ☑ Oath or Declaration a. Newly executed (original or copy) ☐ Unexecuted b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only) c. With Power of Attorney ☐ Without Power of Attorney d. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b). 5. A Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. 6. D CD ROM or CD-R in duplicate, large table or Computer Program (Appendix) 7. Application Data Sheet (See 37 CFR 1.76) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. D-ROM or CD-R (2 copies); or ii. Paper c. Statement(s) Verifying Identical Paper and Computer Readable Copy **Accompanying Application Parts** 9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(B) Statement (when there is an assignee) 12. 🛛 Information Disclosure Statement/PTO-1449 Copies of IDS Citations 13. Preliminary Amendment 14. 🗵 Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 16. Certificate of Mailing ☐ First Class ☐ Express Mail (Specify Label No.):

**Application Elements (Continued)** 

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		Acc mpanying Application Parts (C ntinu d)								
17.		Additional Enclosures (please identify below):								
		Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)								
18.		Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.								
	Warning									
		An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.								

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#### Fee Calculation and Transmittal

CLAIMS AS FILED									
For	#Filed	#Allowed	#Extra		Rate		Fee		
Total Claims	14	- 20 =	0	x	\$18.00		\$0.00		
Indep. Claims	4	- 3 =	1	x	\$84.00		\$84.00		
Multiple Dependent	Claims (check	if applicable)					\$0.00		
	\$750.00								
OTHER FEE (spec	\$0.00								
					TOTAL	. FILING FEE	\$834.00		
<ul> <li>A check in the amount of \$834.00 to cover the filing fee is enclosed.</li> <li>☑ The Commissioner is hereby authorized to charge and credit Deposit Account No. 19-4375 as described below. A duplicate copy of this sheet is enclosed.</li> <li>☐ Charge the amount of as filing fee.</li> <li>☑ Credit any overpayment.</li> <li>☑ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.</li> </ul>									

Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance,

Dated: July 14, 2003

cc:



pursuant to 37 C.F.R. 1.311(b).

ATENT TRADEMARK OFFICE

Thomas P. Pavelko, Esquire Registration No. 31,689

STEVENS, DAVIS, MILLER & MOSHER, L.L.P.

Signature

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